

UTAH 9-1-1 COMMITTEE  
GRANT APPLICATION  
SEPTEMBER 18, 2008

1. **Name of Agency Requesting Funding:** Logan Consolidated Dispatch Center

2. **Name and Title of Contact Person:** Randy Auman, Director

3. **Contact Information:**

a. E-Mail Address:	rauman@loganutah.org
b. Phone Number	(435) 716-9420
c. Mailing Address:	290 North 100 West Logan, Utah 84321

4. **The requesting Agency is Seeking Funding from the Utah 911 Committee:**

The Logan City Consolidated Dispatch Center is requesting funding for three reasons:

- A. Replace old existing VESTA Pallas equipment.
- B. Increase the number of consoles to handle increase traffic.
- C. Provide redundant/backup dispatch capabilities.

5. **Funding Request and Justification: Detailed request Attachment A.**

- A. \$360,000 Replacement of current equipment.
- B. \$104,888 New equipment for backup/redundant dispatch center.
- C. \$ 43,776 E.O.C. equipment.

**Total     \$508,664**

6. **Demographics:**

The Logan 911 Center is the consolidated dispatch center for all Public Safety agencies located with in Cache County, except Utah State University. The center currently serves an estimated population of 121, 000. It is estimated that within five years the population of Cache County will reach 150,000 persons.

The agency provides service for Logan City Police Department, Logan City Fire Department, Cache County Sheriffs Office, Cache County Search and Rescue, Cache County Mounted Posse, Cache County Attorneys, Cache County Animal control, Utah Highway Patrol, Utah Parks and Recreation, Utah Division of Wildlife Resources, Adult Probation and Parole, National Parks Service, North Park Police Department, Smithfield City Police Department. The center also provides EMS/FIRE service to twelve volunteer fire departments from all the above political jurisdictions. Thirteen volunteer first responder groups from the above political jurisdictions.

As well as providing service for the above agencies the 911 center provides service to all the communities within Cache County they include: The cities of Logan, Amalga, Clarkston, Providence, Mendon, Smithfield, Nibley, Paradise, Lewiston, River Heights, Newton, Wellsville, Hyrum, Richmond, Millville, Trenton.

The Logan Consolidated Center currently handles 29,100 911 calls a year which is about 80 per day. There are 95,558 registered wireless lines and 36, 859 Land Lines.

### **Current Equipment:**

The Center currently has six stations with a minimum mandatory of four on at any one time. All six stations are operating about 30% of the time. The Logan Center was the second center in the state to become Phase II compliant, the current VESTA Pallas equipment was purchased 2002 thru 2004 and is no longer adequate for the job.

In negotiating with Qwest for the move of the current equipment it was estimated that it would cost approximately \$90,000 and the center would be down over a week. During the initial information phase it was discovered that some of the equipment was at the age that there was a question on its reliability and whether the equipment would even start up again

The new 911 center will be completed in January of 2009, and the drop dead date is October 15, 2009. The current cost to the 911 center for the move is over \$500,000 which includes structure and new consoles, and furniture.

### **GRANT REQUEST AND SCOPE**

- Replace existing equipment.
- Provide a redundant/backup dispatch center.
- Provide for E.O.C. access to the 911 network.
- Eliminate moving charge.
- Reduce maintenance charges.
- Eliminated the re-occurring charges for a redundant/backup center.
- Prepare the center with an I.P. based system.

The grant will provide for an upgrade of existing equipment, increase the capacity of the center from six consoles to eight. By purchasing new equipment it will eliminate the \$90,000 moving charge, and the need to take the system down for up to one week. The grant will also establish a redundant/backup dispatch center located at the Cache County Sheriffs Office. The Sheriffs Office is the current location of the county wide EOC center. Currently Box Elder serves as the roll over site to Cache County. Located over 30 miles from Logan and with inadequate facilities to handle the increase 911 traffic from Logan it is critical to establish a redundant/backup system within Cache County. The redundant center will be used for training and as a secondary center in the event of an emergency.

This grant would provide the funding for new Sentinel Patriot which is an IP-based incident response system. Because the system is scaleable and can be distributed over a network there are no re-occurring network charges.

### **Summary**

Funding for this grant would provide the equipment and technology for the future growth of Cache County, as well as an IP based solution. It would also provide redundant emergency capabilities not only in the event of a major disaster, but also providing extra coverage when needed. The Logan City Consolidated Dispatch Center serves a growing diverse community

**TOTAL GRANT REQUEST SEE ATTACHMENT A**

**ATTACHMENT A  
GRANT REQUEST  
LOGAN CONSOLIDATED DISPATCH CENTER**

<b>Eight console system:</b>	<b>\$291,000</b>
<b>Training Required:</b>	<b>\$ 21,000</b>
<b>Warranties</b>	<b>\$ 48,000</b>

<b>Sub Total requested</b>	<b>\$360,000</b>
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**REDUNDANT/BACKUP DISPATCH CENTER**

<b>Four console addition to Patriot system:</b>	<b>\$104,888</b>
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**EMERGENCY CENTER DISPATCH STATION**

<b>Two additional lap top Patriot System for E.O.C.</b>	<b>\$ 43,776</b>
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<b>TOTAL GRANT REQUEST</b>	<b>\$508,664</b>
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**COST TO LOGAN CITY AND THE 911 CENTER**

<b>New dispatch consoles furniture.</b>	<b>\$112,000</b>
<b>Redundant/Backup Center Cost (furniture, set up)</b>	<b>\$ 55,000</b>
<b>Net work fiber optics between centers:</b>	<b>\$ 25,000</b>
<b>Network wireless between command trailer and center</b>	<b>\$ 5,000</b>
<b>New dispatch area</b>	<b>\$354,000</b>
<b>Total</b>	<b>\$551,000</b>



## Sentinel Patriot, Stats

Logan City Comm Center - UT

<b>Customer Information</b>	
Customer: Qwest Communications	Quote Date: 9/15/08
Contact: Cindy Kasteler	Quote No.: QW20289
Phone: 801-575-1088	Site No.: 100224
Fax: 801-521-4345	
E-Mail: <a href="mailto:cindy.kasteler@qwest.com">cindy.kasteler@qwest.com</a>	
<b>PlantCML Contact Information</b>	
Sales Configuration Spec: Steve Wilson	Account Exec: Fred Miller
Phone: 951-719-2210	Phone: 951-972-9752
Fax: 866-851-8173	Fax: 951-296-2727
E-Mail: <a href="mailto:swilson@plantcml.com">swilson@plantcml.com</a>	E-Mail: <a href="mailto:fmiller@plantcml.com">fmiller@plantcml.com</a>

### Sentinel Patriot System

Qty.	Part No.	Description	Unit Price	U/M	Total
<b>Sentinel Patriot</b>					
2	873099-00103.0	PAT 3.0 SYS SW DC L M	\$1,820.00	EA	\$3,840.00
1	809800-35061	PATRIOT SYS CFG	\$1,280.00	EA	\$1,280.00
2	873099-03001	PAT CAD INT LIC	\$640.00	EA	\$1,280.00
<b>Server Equipment</b>					
4	62000-F204803	SVR HP MINI 2G 160HD	\$2,242.58	EA	\$8,970.24
1	63002-172802	MNTR, 17IN FP BK	\$396.80	EA	\$396.80
2	04000-30182	USB TO SERIAL HUB KIT	\$395.52	EA	\$791.04
2	04000-00355	SVR WIN 2003 + 5CAL	\$1,324.80	EA	\$2,649.60
2	04000-00101	PAT PTS CERT OS	\$1,324.80	EA	\$2,649.60
4	809800-35056	PAT SVR CFG	\$960.00	EA	\$3,840.00
<b>Workstation Equipment</b>					
8	873099-00303.0	PAT 3.0 PER SEAT LIC	\$10,240.00	EA	\$81,920.00
8	809800-35003	PAT 3.0 SW SPT 3YR	\$4,915.20	EA	\$39,321.60
8	61000-F204801X	WKST INTG HP XW4600 XP	\$2,012.16	EA	\$16,097.28
8	63002-182805	MNTR 19IN W/SPKRS NEC	\$401.92	EA	\$3,215.36
8	04000-0LX44	4-CHANNEL, PCI SOUND CARD	\$701.44	EA	\$5,611.52
8	64007-50015	KEYPAD 35 KEY PS2/USB	\$241.92	EA	\$1,935.36
8	04000-01038	SWITCH KVM 4-PORT USB	\$192.00	EA	\$1,536.00
8	853004-00101	PAT 3.0 SENT HARDWARE	\$2,048.00	EA	\$16,384.00
8	809800-35058	SENT IWS CFG	\$578.00	EA	\$4,608.00
8	809800-35060	SENT STAGING FEE PP	\$800.00	EA	\$6,400.00
1	870880-07501	CPR/SYSPREP IMAGING	\$0.00	EA	\$0.00
<b>Sentinel Patriot Optional Modules</b>					
<b>Sentinel Patriot Dual IRR Module</b>					
8	873099-00501	PAT IRR LIC	\$1,273.60	EA	\$10,188.80
8	809800-35018	PAT IRR SW SPT 3YR	\$611.84	EA	\$4,894.72
<b>Sentinel Patriot Stats</b>					
1	873099-00901	PAT STATS VIEW SW LIC	\$761.60	EA	\$761.60
8	873099-01001	PAT STATS DATA CLCTN LIC	\$761.60	EA	\$6,092.80

PlantCML - P.O. Box 9007 - 42505 Rio Nedo, Temecula, CA 92589 - Tel: 951.719.2100 - Fax: 866.651.8173

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Page 1 of 4



**Qwest Communications**  
 250 Bell Plaza, Suite 1011  
 Salt Lake City, UT 84111  
 Phone: (801) 575-1070 Fax: (801) 521-4345

**Randy Swalberg**  
 Sales Engineer  
 801-575-1070  
[randy.swalberg@qwest.com](mailto:randy.swalberg@qwest.com)

**BILLING ADDRESS**

Randy Auman  
 Logan City Police Dept  
 45 West 200 North  
 Logan, UT 84321

**SHIPPING ADDRESS**

Randy Auman 435-716-9420  
 Logan City Police Dept  
 45 West 200 North  
 Logan, UT 84321

**QUOTE**

Quote # 9/13/2008  
 Description Patriot Sentinel  
 Quote Total [Summary Below](#)

PRODUCT NUMBER	QTY	PRODUCT DESCRIPTION	UNIT PRICE	TOTAL PRICE
<b>Sentinel Patriot System</b>				
	1	<i>Sentinel Patriot</i>		\$8,400.00
	4	<i>Server Equipment</i>		\$19,297.28
	8	<i>Workstation Equipment</i>		\$177,029.12
	8	<i>Sentinel Patriot Dual IRR Module</i>		\$15,083.52
	8	<i>Sentinel Patriot Stats</i>		\$13,409.28
	8	<i>Patriot Phones/Voice Mail Option</i>		\$2,319.36
	8	<i>Peripherals &amp; Gateways</i>		\$48,377.60
	8	<i>Peripherals &amp; Equipment Racks</i>		\$1,829.12
	1	<i>Time Synchronization Equipment</i>		\$7,253.76
		<b>Total . . . .</b>		<b>\$290,999.04</b>
<b>Optional Sentinel Positions</b>				
	4	<i>Sentinel Positions</i>		<b>Total . . . . \$104,888.00</b>
	2	<i>Mobile Command Post</i>		<b>Total . . . . \$43,776.00</b>
<b>PlantCML Services</b>				
	1	<i>Field Engineering Services, Extended Warranties</i>		\$47,427.84
	1	<i>Training</i>		\$21,107.20
		<b>Total . . . .</b>		<b>\$68,535.04</b>

All prices are valid for 30 days from quote date listed above. This price may be subject to change due to manufacturer and/or distributor price change. This quote is only for budgetary purposes.

